

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: : PATENT

JAMES B. CREWS :

Serial No.: 10/627,091 : Group Art Unit:

Filed: July 25, 2003 : Examiner:

For: POLYOLS FOR BREAKING OF : Docket No.: 304-25098-USCP
FRACTURING FLUID : Date: October 23, 2003

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR §1.56

Mail Stop Non-Fee Amendment
Commissioner for Patents
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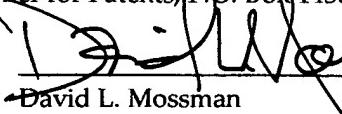
Sir:

It is respectfully submitted that the art listed on the attached PTO/SB/08A&B be considered in the examination of the subject application and made of record herein. A copy of the non-U.S. patent art is enclosed herewith.

No representation is made or intended that a search has been made or that no better art than is listed is available. This art is provided within three months of the

I hereby certify that this correspondence, and any attachments referred to, is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Mail Stop Non-Fee Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450, on

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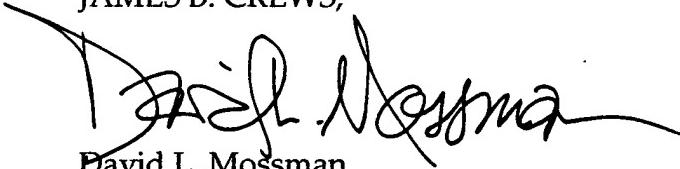

David L. Mossman

10/23/2003
Date

filings date, and thus no certification is necessary. All of the art is in English, and thus no explanation of its relevance is required.

The Examiner is encouraged to call the Applicant's attorney at the number below for any reason that may advance the prosecution.

Respectfully submitted,
JAMES B. CREWS,



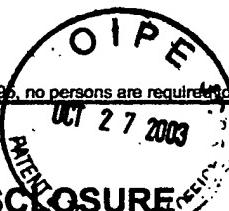
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Substitute for form 1449/PTO



INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 2

Complete if Known

Application Number	10/627,091
Filing Date	07-25-2003
First Named Inventor	James B. Crews
Art Unit	
Examiner Name	

Attorney Docket Number 304-25098-USCP

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 3,079,332	02-26-1963	Wyant	
		US- 3,215,634	11-02-1965	Walker	
		US- 3,346,556	10-10-1967	Foster	
		US- 3,800,872	04-02-1974	Friedman	
		US- 4,946,604	08-07-1990	Smith	
		US- 5,067,566	11-26-1991	Dawson	
		US- 5,082,579	01-21-1992	Dawson	
		US- 5,145,590	09-08-1992	Dawson	
		US- 5,160,445	11-03-1992	Sharif	
		US- 5,160,643	11-03-1992	Dawson	
		US- 5,247,995	09-28-1993	Tjon-Joe-Pin, et al.	
		US- 5,310,489	05-10-1994	Sharif	
		US- 5,372,732	12-13-1994	Harris, et al.	
		US- 5,460,226	10-24-1995	Lawson, et al.	
		US- 5,658,861	08-19-1997	Nelson, et al.	
		US- 5,827,804	10-27-1998	Harris, et al.	
		US- 5,877,127	03-02-1999	Card, et al.	
		US- 6,060,436	05-09-2000	Snyder, et al.	
		US- 6,177,385	01-23-2001	Nimerick	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				

Examiner Signature	Date Considered
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND T : Commissioner for Patents, Washington, DC 20231.

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OCT 27 2003

PTO/SB/08B (04-03)

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STATEMENT BY APPLICANT**

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Sheet

2

of

2

Application Number

10/627,091

Filing Date

07-25-2003

First Named Inventor

James B. Crews

Art Unit

Examiner Name

Attorney Docket Number

304-25098-USCP

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		H. DEUEL, et al., "Reaction of Boric Acid with Polysaccharides," Nature, Jan. 17, 1948, pp. 96-97, Vol. 161, No. 4081.	
		"Gelling Mud Slurry by Adding Polymer," Derwent/WPI Abstract, 1976-73139X/197639 to JP 51092508.	
		E.H. AJANDOUZ, et al., "Effects of pH on Caramelization and Maillard Reaction Kinetics in Fructose-Lysine Model Systems," J. Food Science, 2001, pp. 926-931, Vol. 66, No. 7.	
		"Sugar Technology" Available from: http://www.geocities.com/bimbimbim88/sugar_technology.htm , 4/7/2003.	
		C.G.A. DAVIES & T. P. LABUZA, "The Maillard Reaction Application to Confectionary Products," pp. 1-33. Available from: http://www.fsci.umn.edu/Ted_Labuza/PDF_files/papers/maillard-confectionary.pdf , May 20, 2003.	
		LEHNINGER, "Chapter 9: Carbohydrates and Glycobiology," pp. 293-303. Available from: http://www.icb.ufmg.br/~lbcd/cromatina/Lehn09.pdf , May 20, 2003.	

Examiner Signature	Date Considered
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1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

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